

Concrete Batch Plants

Fact Sheet for Permitting Requirements

What permits do I need?

Who can I call for permit assistance?

What can I do with unused concrete?

Can my waste water be recycled?

***Small Business Assistance
Program
(SBAP)
1-800-819-9001***



Permits required for concrete batching facilities vary somewhat from facility to facility; however the following areas should be reviewed for each facility to see what permits will be required. All permits must be obtained prior to beginning construction or the addition or alteration of the existing facility.

The Small Business Assistance Program (SBAP) provides technical assistance for business which meet the definition of a small business in determining which regulations will apply.

Permits may be required from the following program areas:

1. Bureau of Air Quality
2. Bureau of Water
 - a. Storm Water
 - b. Waste Water
 - c. Water Supply Permitting
3. Environmental Health
4. Ocean & Coastal Resource Management (OCRM)

Bureau of Air Quality

- Particulate matter, consisting primarily of cement dust and including some aggregate and sand dust emissions, typically is the only pollutant of concern. Most emissions are fugitive in nature except for the transfer of cement to the silo which is usually vented to a filter.
- Another major source of potential emissions is from the movement of trucks over unpaved or dusty surfaces into and on the plant site. Good maintenance and wetting of the roads can control these fugitive emissions.

Bureau of Water

Storm Water

All facilities, at the minimum, must obtain coverage under the Stormwater General Permit for Industrial Activity.

Waste Water

All wastewater generated during the production of concrete or the cleanup of the equipment must be managed by an acceptable method. The best plan is utilization of a closed loop recycle system. The method eliminates any discharge and no additional wastewater permit will be required. If an alternate method of recycling and reusing the wastewater is proposed, it will be evaluated by the Department on a case-by-case basis. If the wastewater can not be recycled, an individual National Pollutant Discharge Elimination System (NPDES) permit will be required. This permit carries monitoring, wastewater treatment and certified operator requirements.

Environmental Health Office:

(Please locate by county.)

Anderson, Oconee
864-260-5541
Greenville, Pickens
864-467-8800
Cherokee, Union, Spartanburg
864-596-3334
Chester, Lancaster, York
803-286-9948
Bamberg, Calhoun, Orangeburg
803-536-9060
Beaufort, Colleton, Hampton, Jasper
843-525-7603
Aiken, Allendale, Barnwell
803-642-1604
Fairfield, Lexington, Newberry, Richland
803-929-6530
Chesterfield, Dillon, Marion, Darlington,
Florence, Marlboro
843-661-4830
Berkeley, Charleston, Dorchester
843-740-0800
Abbeville, Edgefield, Saluda, Greenwood,
Laurens, McCormick
864-942-3600
Georgetown, Horry, Williamsburg
843-365-3126
Clarendon, Kershaw, Lee, Sumter
803-773-5511

Ocean & Coastal Resource Management
843-744-5838

Center for Waste Minimization
803-898-3971

Bureau of Water
803-898-4300

Bureau of Air Quality
803-898-4123

Bureau of Land & Waste Management
803-896-4000

Water Supply Construction

Wells constructed for a public water system and production use must be permitted. (Water supplying a restroom and /or sink constitutes a public water system.) If an existing viable public water system is available, a permit will not be issued for the construction of a new water system. If a well is installed solely for production, a permit from the Department is not required. All wells, public or production, must be installed by a certified well driller.

Environmental Health

The appropriate environmental health office must be contacted if public sewer is not available, and a septic system must be considered for domestic wastewater. Prior to the issuance of a septic permit, the environmental health office must either receive written verification that a closed loop recycling system is to be used for process wastewater, or that other methods of recycling , treatment, disposal have been approved by the Department.

Ocean & Coastal Resource Management (OCRM)

A coastal zone consistency certification is required of any project taking place in the following counties: Horry, Georgetown, Berkeley, Charleston, Dorchester, Colleton, Beaufort and Jasper. This approval must be obtained from OCRM directly. In addition, a state stormwater permit is required if the facility will disturb greater than 2 acres or is located within one-half mile of a receiving waterbody. This approval must be obtained from OCRM directly.

The **SBAP** is available to assist small businesses to determine which permits will be required and completing the necessary permit applications for submittal.

The **Center for Waste Minimization** is a non-regulatory service offered by the Department which assist facilities with methods to reduce and eliminate waste through waste minimization techniques. Assistance with productive use of unused concrete instead of dumping can be provided.

